STATE OF CALIFORNIA

PETE WILSON, Governor

AIR RESOURCES BOARD
2020 L STREET
P.O. BOX 2815
SACRAMENTO, CA 95812

June 28, 1993

Wally Madocks
Sales Manager
Hazlett Engineering Company
1089 Indian Village Road
Pebble Beach, CA 93953

#93-13

Dear Mr. Madocks:

Approval of Hazlett H-PVB-1 Pressure/Vacuum Valve Adaptors

You requested California Air Resources Board (CARB) approval of the Hazlett Engineering Company vent pipe adaptors for the H-PVB-1 Pressure/Vacuum (P/V) valves.

The Hazlett H-PVB-1 is a two-way ventilation valve designed to relieve both positive and negative pressures that may occur in fuel storage tanks. The valve utilizes two check valves (gravity type) with the operating pressures and flow capacities for both functions determined by the weight of the active members and seat contact. The H-PVB-1 employs NPT internal threads to secure the valve to a threaded vent pipe of a storage tank, or to the threaded side of the adaptor. The other end of the adaptor employs a slip-on design which allows the adaptor to be secured to non-threaded storage tank vent pipes.

As required by the Air Resources Board certification procedures, you requested the approval of the Division of Occupational Safety and Health, the Office of the State Fire Marshal and the Department of Food and Agriculture, Division of Measurement Standards. The necessary approvals have been obtained from these agencies.

I find that the use of the H-PVB-1 adaptors will not adversely affect the performance of vapor recovery systems using the H-PVB-1 p/v valves. Therefore, the Hazlett H-PVB-1 Pressure/Vacuum Valve Adaptors are certified for use with CARB-certified Hazlett H-PVB-1 Pressure/Vacuum Valves (Approval Letter #92-20). The adaptor is a disposable fitting which may only be installed to the vent pipe one time. If, for any reason, the adaptor is removed from the vent, it may not be installed to any vent pipe again. If you have any questions, please call Basharat Iqbal at (916) 324-7343 or Laura McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Vapor Recovery Technical Committee